



ARTISON[®]

LRS Owner's Manual

Thank you for choosing the Artison Surround Speakers. We are pleased that you have selected our high-performance audio products.

INTRODUCTION

The Artison Surrounds are designed to work with The Portrait, Sketch, and Masterpiece LCR speakers, the only true 5.1/7.1 Channel solutions available on the market today that are specifically designed for use with flat panel displays and are also compatible with rear projection displays.

Artison's Speaker Systems are the high performance choice for state-of-the-art DVD, DTS, SACD, and DVDA multi-channel audio formats. They faithfully reproduce music and movie sound tracks without compromise, and do not visually detract from the contemporary appearance of your flat panel or rear projection display.

The LRS Surrounds offer the steering ability of a monopole and the spacious sound of a dipole. By making the frequencies below 3KHz monopole, the fundamentals and first harmonics of sounds such as voices, airplanes, helicopters, instruments, etc. are able to be located in the listening environment and therefore add to the excitement of a movie or music soundtrack. At the higher frequencies the dipole acts to eliminate the source of the sound giving the system the ability to create a large ambient sound field without the listener being distracted by the source.

The LRS surrounds are available in two versions to allow the customer to choose the type of installation that is best for their listening environment. Both the surface mount LRS-W and the in wall LRS- IW deliver the dynamics and stealth of a state of the art surround .

Artison's Speaker Systems are designed to be powered by any high quality AV receiver or decoder/amplifier combination. The hookup is exactly the same as a typical 5.1 or 7.1 Channel systems with one important difference - the LCR Front Channels include a unique DualMono™ Center Channel speaker in the upper half of each of the LCR's Left and Right speakers. The Center Channel wire from the receiver is hooked up to one of the two Center Channels and then it is connected (using the included hookup jumper wire) in parallel with the other Center Channel. Together, the DualMono Center speakers deliver accurate center channel sound that appears to come directly from the center of the display screen.

The following information will guide you through the installation of your Artison LRS Surrounds. If you need assistance during this process, please contact us during normal business hours, Pacific Time, at (775) 833-4344.

LRS Surround Satellites (Left, Right, Surround)

INTRODUCTION

The LRS Surround Speakers are available in either a surface mount or an in wall configuration. In both cases the speakers themselves are exactly the same in terms of set up and function. This manual has been arranged to refer to both with the use of **blue print** to indicate sections that apply only to the surface mount LRS-W.

Unpacking the LRS Surrounds

1. Remove the top portion of foam protecting the LRS Surround Speakers.
2. Carefully lift the Surround out of the packing.
 - a. When lifting the LRS be careful not to touch the drivers.
3. Remove them from the protective plastic bag.
4. Place the speaker on its back, the large flat surface.
5. When looking at the face of the speakers you will see four screw holes located at the outer corners, these attach the front of the speakers to the wall mount plate.
6. Using the supplied Metric #3 Allen Wrench, remove the four screws that hold the wall mount Bracket to the speaker by turning the screws in a counter-clockwise direction.
7. Lift the speaker off of the wall mount bracket and set the speaker aside.
Refer to Diagram 1

Mounting the Speaker Bracket

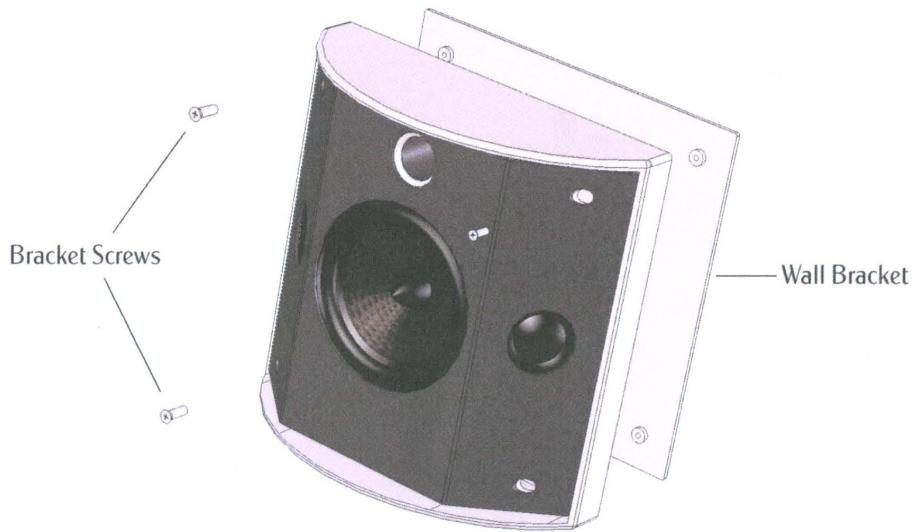


Diagram 1

8. Determine the best location for mounting the speakers.
 - a. They should be positioned approximately 70% up the wall. So for ceiling height of 10", the speaker should be about 7' from the floor. This is only an approximate dimension; your room layout will determine the final height the speaker will be mounted.

- b. The LRS should be located directly next to, or behind the primary seating area. Try not to mount them in front of the primary seating location as this is not optimal.
- c. Find a location that will not be blocked by objects, such as a plant or mounting the speaker too close to a corner.
- d. Keep the speaker at least two feet away from any corner when possible.
- e. When using the Surrounds as rear speakers they should be located approximately the same distance apart as the front channels and should be at the same height as the Side Surrounds.
- f. Determine the proper mounting orientation.
- g. The front tweeter and the midrange are wired in phase and should always face the plasma or projector screen.
- h. The port should be on the upper portion of the baffle.
- i. Make sure that the speakers are on the correct side of the room; the right speakers are on your right side when you are facing the television.
- j. When the LRS are mounted to the ceiling, the right channels should be located to the right of the listening position and the in phase tweeters should face the television. This orientation is correct when the ports face the center of the room towards the listening position.
- k. When you are using the speaker on the ceiling or rear wall, keep the LRS orientation the same as if it were mounted on the side of the room, then “slide” it to the desired mounting location. **Refer To Diagrams 2 & 3**

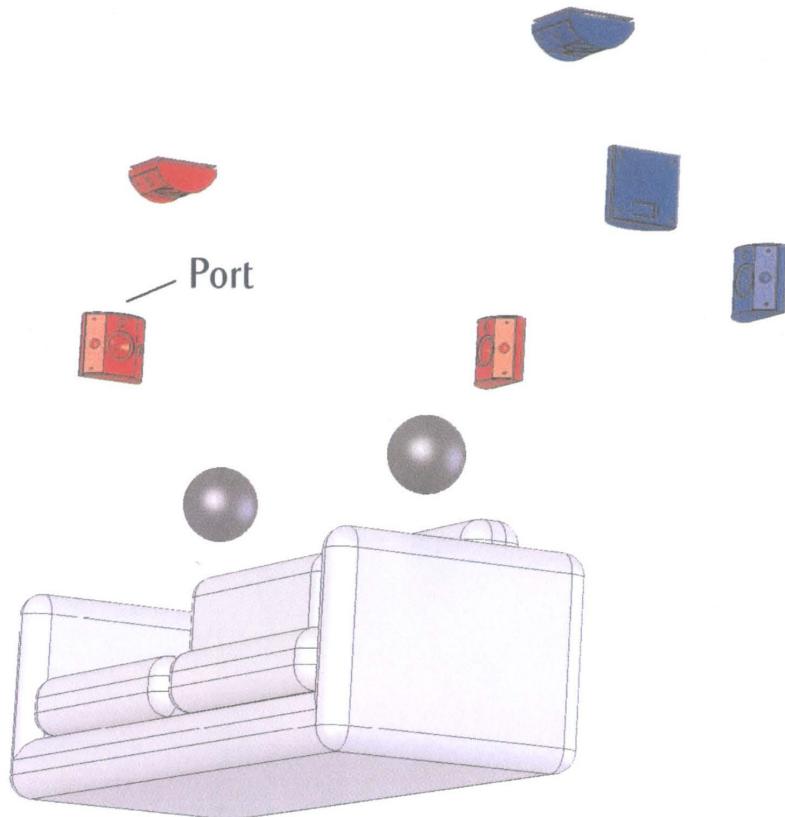


Diagram 2

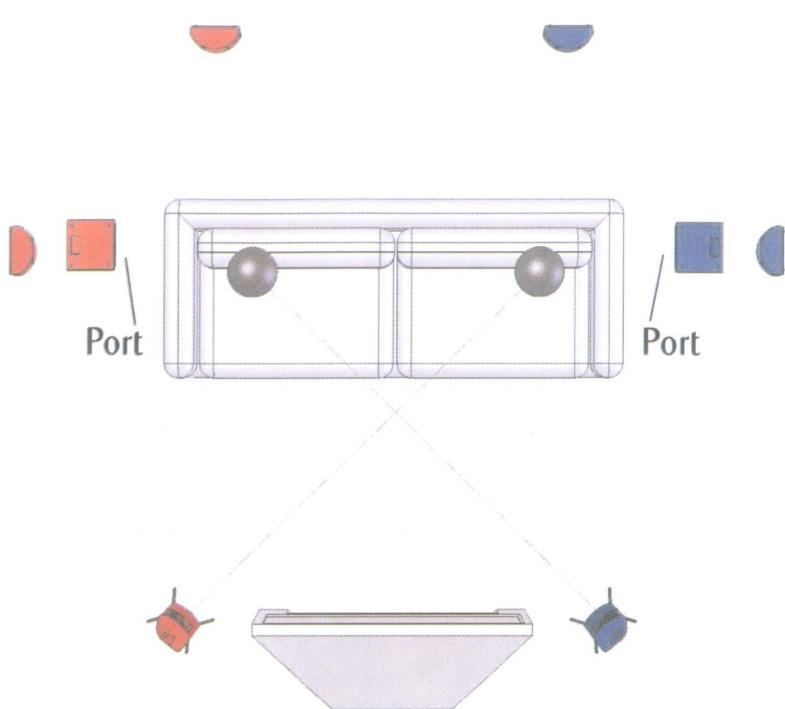


Diagram 3

9. Place the bracket against the wall at the desired mounting location.
 - a. Line the bracket mounting holes up on a stud where possible. If you can not attach to a stud follow the instructions for using dry wall anchors.
 - b. Use a level to make sure that the speaker is level once it is mounted. In the case of the LRS-IW use a level to assure that the template is properly aligned before marking the cut out hole
10. Using a pencil, mark the mounting locations on the wall by drawing through the mounting holes in the bracket. For the In Wall LRS-IW use the supplied template to determine the proper location and size of the cut out. Use a pencil to mark the cut out. Cut the hole for the LRS-IW after making sure that the speaker is in the desired location and will fit into the space without interfering with studs or other obstacles.
11. Set the bracket aside.
12. If you were not able to mount the LRS to a stud, use dry wall inserts. Using drywall anchors create secure mounting locations for the speaker bracket. This should be done with any screw locations that DO NOT hit a wall stud.
Use anchors that will hold at least two times the weight of the speaker.
13. Now mount the wall bracket.
 - a. Pull the speaker wire through the rectangular opening on the bracket.
 - b. The rectangular opening in which the wires are pulled through should be at the bottom of the bracket.
 - c. Mount the bracket to the wall using drywall screws and /or the screws for anchors that you installed earlier. (DO NOT OVER TIGHTEN THE SCREWS AS THIS WILL WARP THE BRACKET AND MAKE THE LRS INSTALLATION DIFFICULT)
 - d. Use at least 1 1/4" course thread drywall screws anywhere that you are mounting to a stud, this will insure that the bracket is held securely.

Wiring and Mounting the LRS Speakers

14. Carefully lift the speaker into position.
15. Wire the left and right channels the same as any other surround speaker. Connect the left positive and negative of one end of the wire to the receiver / amplifier. Connect the left positive and negative to the speaker terminals located on the rear of the speaker.
16. When connecting the speaker wire to your LRS make sure that the positive and negative terminals are correctly attached to the positive and negative of the speaker wire.
17. Strip the ends of the speaker wire approximately $1/2"$ and twist the wires tightly.
18. Connect the wire to the rear of the LRS by pressing on the speaker terminal; this will open a hole on the side of the terminal. Slip the end of the stripped wire into this hole and release the terminal. The terminal should now securely hold the wire in place.
19. While placing the speaker into position be sure that the wires do not get pinched between the bracket and the speaker.
20. Using the four screws that you removed in step #6 remount the speaker to the mounting bracket.
 - a. Insert the screws and tighten by turning in a clockwise direction.
 - b. Be careful to not over tighten the screws.
21. The LRS-IW uses a simple dog leg attachment method that is used to clamp the speaker to the wall. After wiring the speaker as shown above place it into the previously cut hole and use a screwdriver to tighten the attachment screws until the speaker is tight to the wall.

Attaching the Grilles

22. Remove the grille from the plastic bag.
23. Attach the grilles by lining the side of the grille with the one side of the speaker and partially insert into the grille slot.
24. You can use SLIGHT pressure if necessary to “squeeze” while fitting it into the grille slot on the opposite side of the speaker. The grilles will spring back into shape creating a pressure fit. **Refer to Diagram 4**

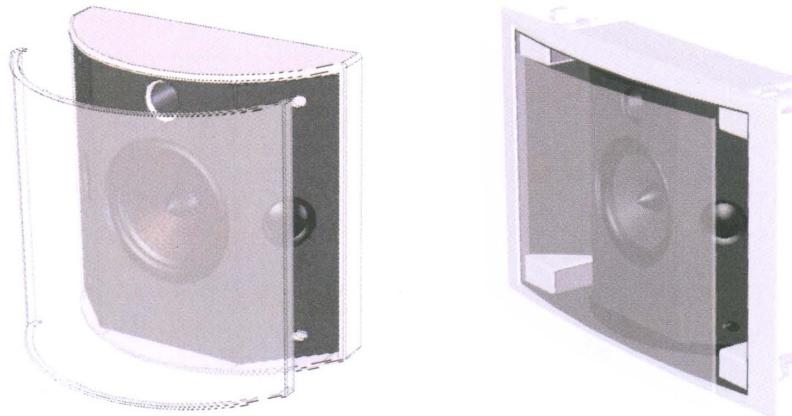


Diagram 4

Setting up the Receiver

The Dolby High Pass Setting in most receivers is 80Hz when set in the SMALL speaker position. We have optimized the LRS Surround Channels for this setting. The receiver should be set so that the main speakers operate in this mode. This will provide the dynamics needed for movies and will allow the system to be played at loud levels with very low distortion.

LIMITED WARRANTY

This warranty remains in effect for five years from the date of purchase for speaker products and one year for electronic products.

This warranty protects the original owner providing that the product has been purchased from an authorized Artison Dealer in the United States. The original bill of sale must be presented whenever warranty service is required. For warranty service outside the United States, contact the authorized Artison Acoustics distributor in the country where the product was purchased. Except as specified below, this warranty covers all defects in material and workmanship. The following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the Owners Manual, damage resulting from the performance of repairs by someone not authorized by Artison, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. This warranty is void if the serial number has been removed or defaced.

You are responsible for transporting your product for repair. However, Artison will pay return freight charges if the repair is covered under warranty.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above may not apply to you. Please make note of the following information and retain for your record.

Product Name_____ Model Number_____

Store Name_____ Purchase Price_____

HOW TO OBTAIN SERVICE

Please call us at (775) 833-4344, or write to: ARTISON (Attention: Customer Service Department), 774 Mays Blvd., Suite 10-183, Incline Village, NV 89451.

We will promptly advise you of what action to take. We may direct you to an authorized Artison Service Center or ask you to send your speaker to the factory for repair. You will need to present the original bill of sale to establish the date of purchase. PLEASE DO NOT SHIP YOUR ARTISON PRODUCT TO THE FACTORY FOR REPAIR WITHOUT PRIOR AUTHORIZATION. PLEASE DO NOT RETURN PRODUCT TO THE ABOVE ADDRESS, IT IS NOT A SERVICE LOCATION. You are responsible for transporting your product for repair and for payment of any initial shipping charges. However, we will pay the return shipping charges if the repairs are covered under warranty.

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Email info@artisonusa.com
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Place
Stamp
Here

ARTISON

Attention: Customer Service Department
774 Mays Blvd., Suite 10-183
Incline Village, NV 89451

Name	Address		
Company	Telephone Number	Email	Date/Price
Name of Dealer	Address of Dealer		
Product(s)	Model Numbers	Serial Numbers	
1. Please rate your overall experience with the dealer. <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Average <input type="checkbox"/> Poor 2. Where did you first learn about ARTISON? <input type="checkbox"/> Magazine <input type="checkbox"/> Newspaper <input type="checkbox"/> Friend <input type="checkbox"/> Salesperson <input type="checkbox"/> Brochure <input type="checkbox"/> Other _____ 3. What other brand of speakers/subwoofers did you consider? <input type="checkbox"/> Polk <input type="checkbox"/> Bose <input type="checkbox"/> Sonance <input type="checkbox"/> Infinity <input type="checkbox"/> JBL <input type="checkbox"/> Boston Acoustics <input type="checkbox"/> Mirage <input type="checkbox"/> Paradigm <input type="checkbox"/> Niles <input type="checkbox"/> KEF <input type="checkbox"/> Definitive Technologies <input type="checkbox"/> Other _____ 4. Please check the most important factors influencing this purchase? <input type="checkbox"/> Quality of sound <input type="checkbox"/> Magazine Review <input type="checkbox"/> Recommendation of salesperson <input type="checkbox"/> Appearance <input type="checkbox"/> Technical Specifications <input type="checkbox"/> Ease of operation <input type="checkbox"/> Recommendation of friend/family <input type="checkbox"/> Value for price <input type="checkbox"/> ARTISON's reputation <input type="checkbox"/> Previous owner of ARTISON's products <input type="checkbox"/> Other _____ 5. What is the primary use for this purchase? <input type="checkbox"/> Music playback <input type="checkbox"/> Front main speakers <input type="checkbox"/> First speaker purchase <input type="checkbox"/> Movie/Home Theater <input type="checkbox"/> Rear (surround sound) speakers <input type="checkbox"/> Replacing speakers <input type="checkbox"/> Add to existing system <input type="checkbox"/> Other _____ 6. Which of these specialty magazines do you read? <input type="checkbox"/> Sound & Vision <input type="checkbox"/> Audio Video Interiors <input type="checkbox"/> Stereophile <input type="checkbox"/> Stereophile Guide to Home Theater <input type="checkbox"/> Absolute Sound <input type="checkbox"/> Architectural Digest <input type="checkbox"/> Consumer Reports <input type="checkbox"/> Home Theater <input type="checkbox"/> Other _____ 7. <input type="checkbox"/> Male <input type="checkbox"/> Female 8. Age Group? <input type="checkbox"/> Under 18 <input type="checkbox"/> 18-24 <input type="checkbox"/> 25-34 <input type="checkbox"/> 35-44 <input type="checkbox"/> 45-54 <input type="checkbox"/> 55-64 <input type="checkbox"/> Over 64 9. Family income? <input type="checkbox"/> Under \$15,000 <input type="checkbox"/> \$15,000 - 24,999 <input type="checkbox"/> \$25,000 - \$49,000 <input type="checkbox"/> \$50,000 - \$74,999 <input type="checkbox"/> \$75,000 - \$100,000 <input type="checkbox"/> Over \$100,000 10. Education (Please Check which category applies) <input type="checkbox"/> High School <input type="checkbox"/> Some College <input type="checkbox"/> Completed College <input type="checkbox"/> Graduate School 11. What is your occupation? <input type="checkbox"/> Self employed/Owner <input type="checkbox"/> Student <input type="checkbox"/> Professional Technical <input type="checkbox"/> Homemaker <input type="checkbox"/> Upper Management <input type="checkbox"/> Retired <input type="checkbox"/> Middle Management <input type="checkbox"/> Sales/Marketing <input type="checkbox"/> Clerical/Service Worker <input type="checkbox"/> Laborer/Tradesman 12. Do you have any comments about your new ARTISON products? _____ <input type="checkbox"/> Yes, I would like to receive ARTISON mailings when they become available. <input type="checkbox"/> No, Please do not send me ARTISON mailings.			

WE WOULD LIKE TO THANK YOU FOR CHOOSING ARTISON

At Artison, we are dedicated to the art and technology of sound, providing you with high quality products that bring you closer than ever to the live performance. In order to maintain our high standards, we would like to better understand your needs, please fill out this questionnaire card and return it to us within TEN days.

LIMITED WARRANTY

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THIS WARRANTY PROTECTS THE ORIGINAL OWNER PROVIDING THAT THE PRODUCT HAS BEEN PURCHASED FROM AN AUTHORIZED ARTISON DEALER IN THE UNITED STATES. THE ORIGINAL BILL OF SALE MUST BE PRESENTED WHENEVER WARRANTY SERVICE IS REQUIRED. FOR WARRANTY SERVICE OUTSIDE THE UNITED STATES, CONTACT THE AUTHORIZED ARTISON DISTRIBUTOR IN THE COUNTRY WHERE THE PRODUCT WAS PURCHASED.

Except as specified below, this warranty covers all defects in material and workmanship. The following are not covered: Damage caused by accident, misuse, abuse, product modification or neglect, damage occurring during shipment, damage from failure to follow instructions contained in the owners manual, damage resulting from the performance of repairs by someone not authorized by Artison, or any claims based on misrepresentations by the seller. This warranty does not cover incidental or consequential damages. It does not cover the cost of removing or reinstalling the unit. This warranty is void if the serial number has been removed or defaced.

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